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Interference signal removal system

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An interference signal removal system includes interference signal estimating means for estimating an interference signal contained in a received signal based on the received signal and a result obtained by removing an interference signal from the received signal, interference signal removing means for removing from the received signal the interference signal estimated by the

interference signal estimating means; and interference signal estimation controlling means for storing the interference signal estimation result of the interference signal estimating means in memory and controlling the interference signal estimation by the interference signal estimating means so as to estimate an interference signal contained in the received signal based on a past interference signal estimation result stored in memory.

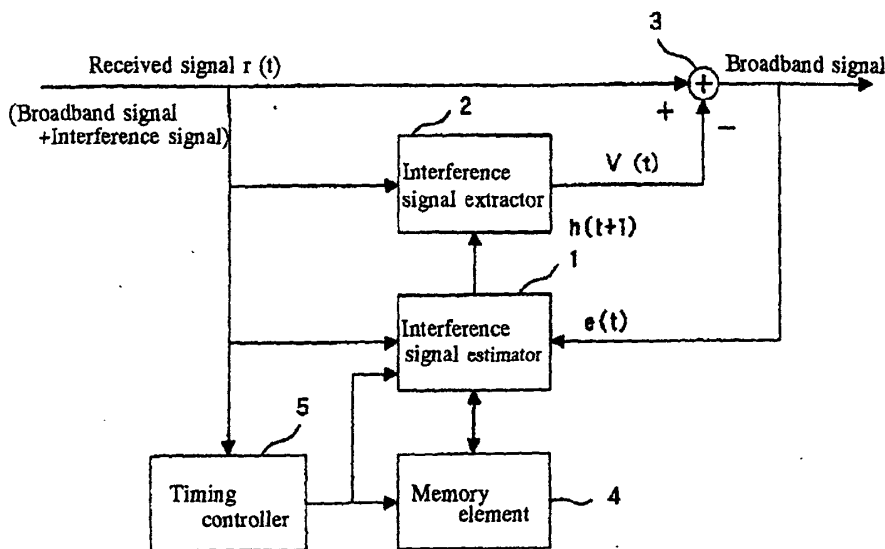


Fig.1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	GLISIC S ET AL: "Rejection of FH signal in DS spread spectrum systems using complex adaptive filters" IEEE, 30 September 1990 (1990-09-30), pages 349-353Vol1, XP010002800 * figure 1 * * page 349, column 1 - page 351, column 1 *	1-9	H04B1/10 H04B1/707 H03H21/00
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 5 December 2003	Examiner Chave, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 25 2044

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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05-12-2003

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